

FIG. 2

## PROCESS TO CREATE A NEW FLOORPLAN USING IMPROVED FLOOR PLANNER

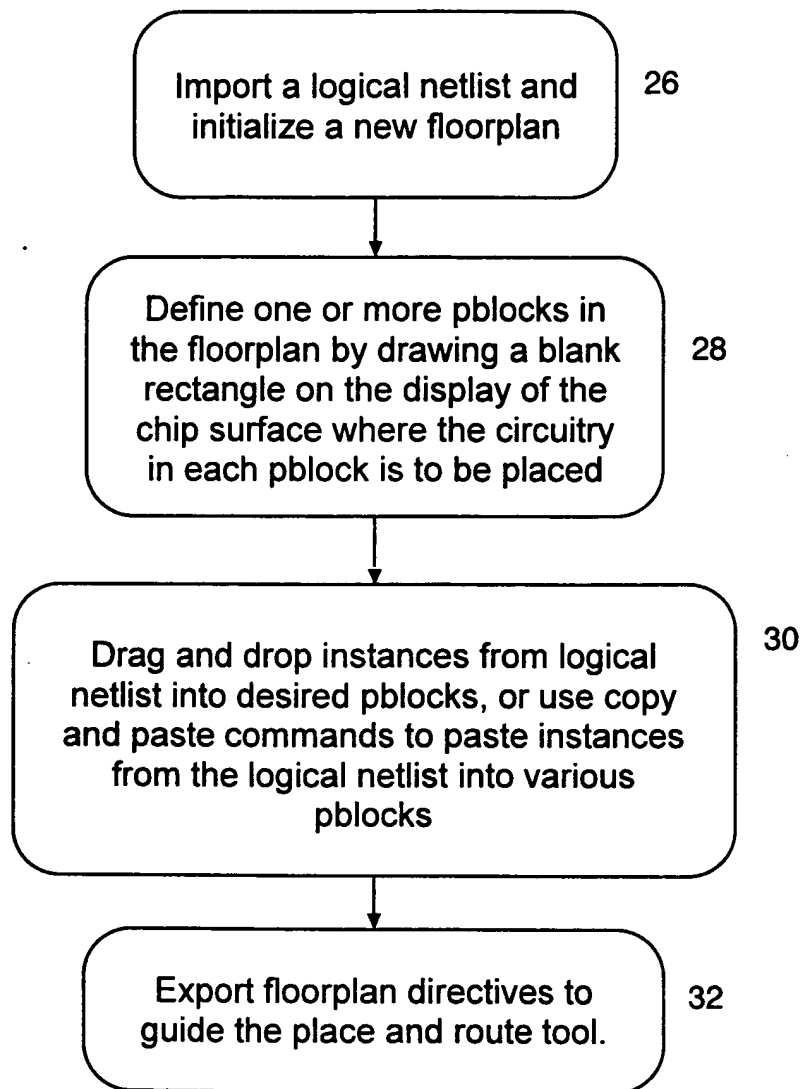


FIG. 3

## PTREE UPDATE PROCESS

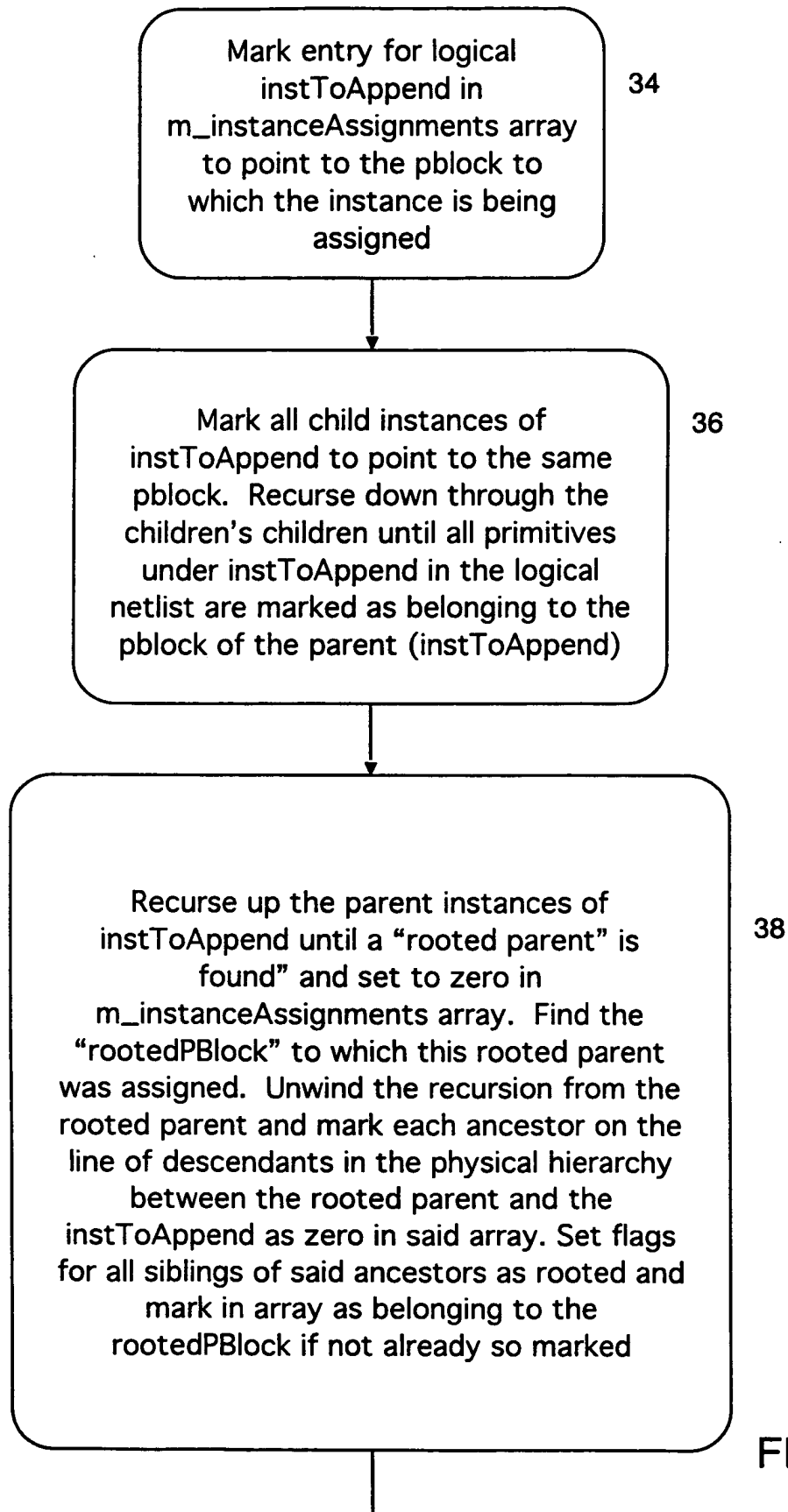


FIG. 4A

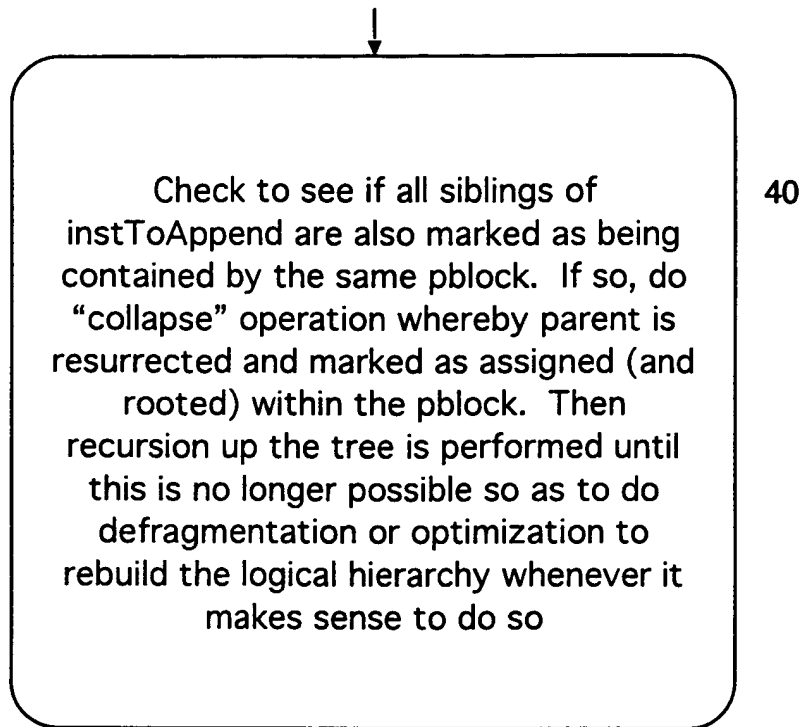


FIG. 4B

## PNETWORK UPDATE PROCESS

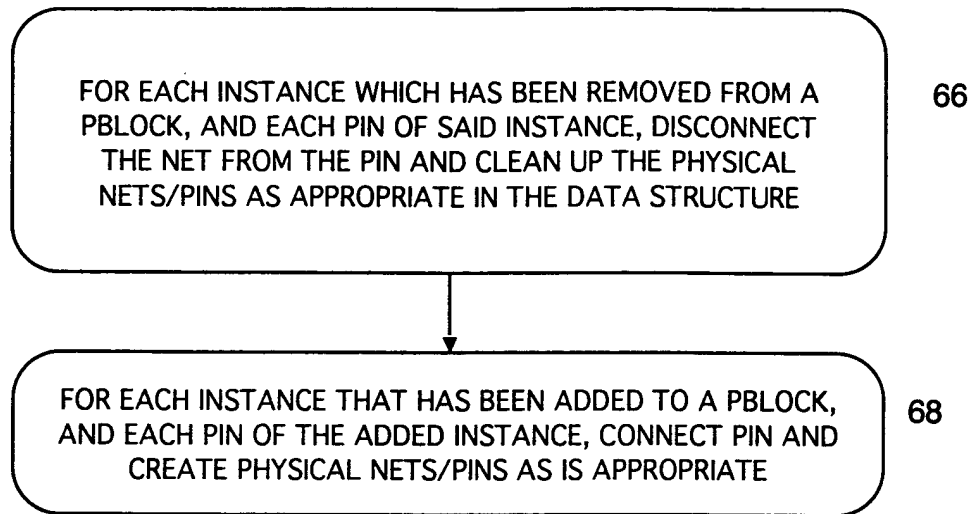


FIG. 6

## PNETWORK UPDATE CONNECT PROCESS

From PTree  
Update: List  
of instances that  
have been moved

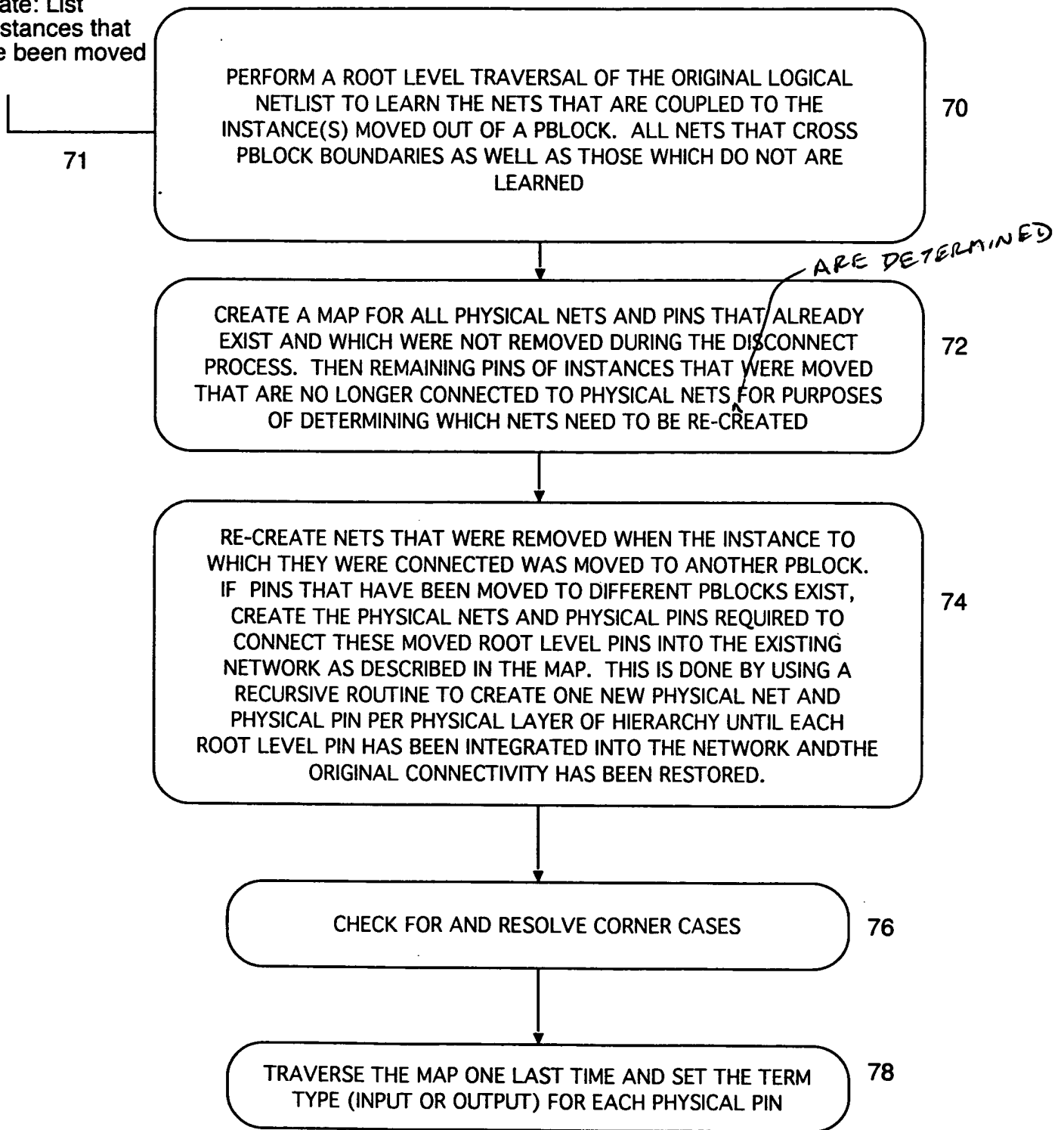


FIG. 7

## THE DISCONNECT PROCESS OF PNETWORK UPDATE

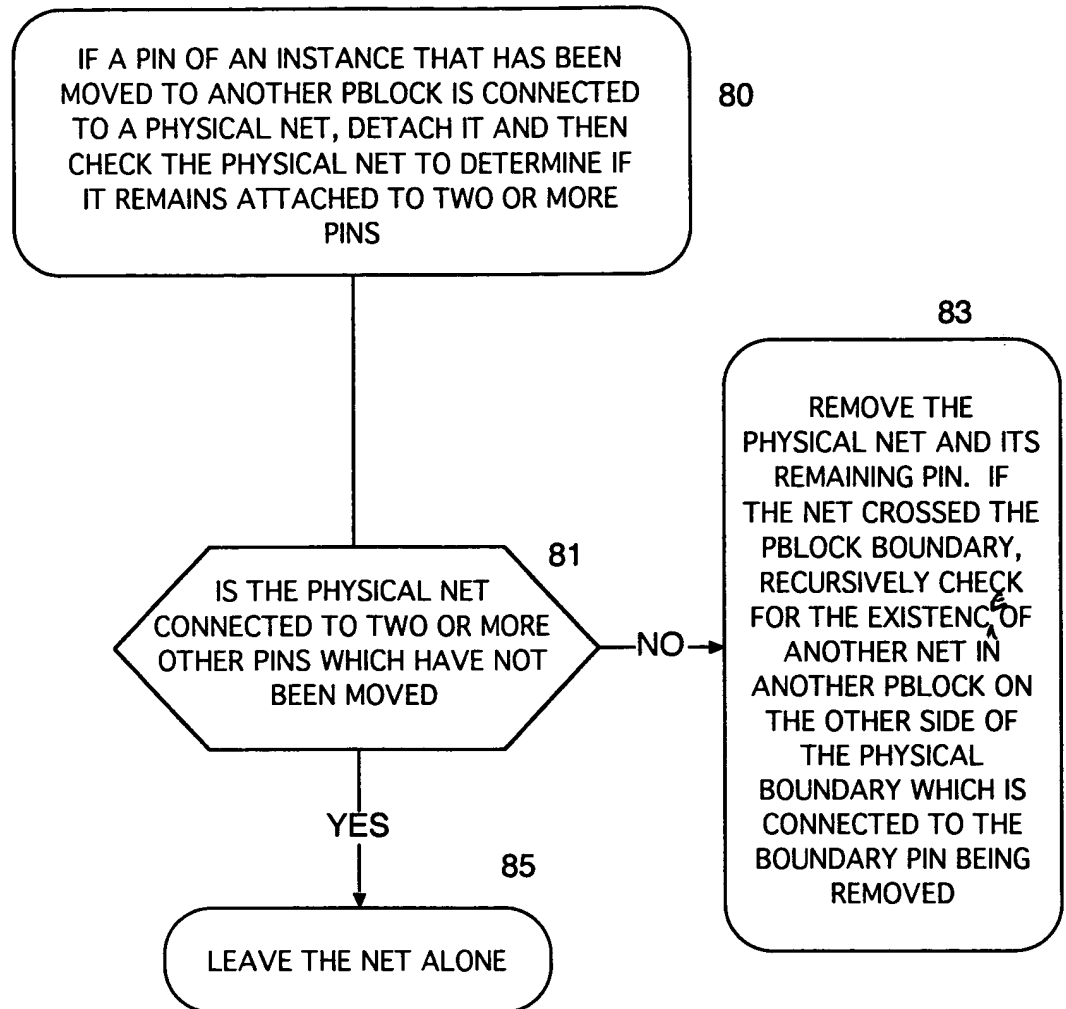


FIG. 8



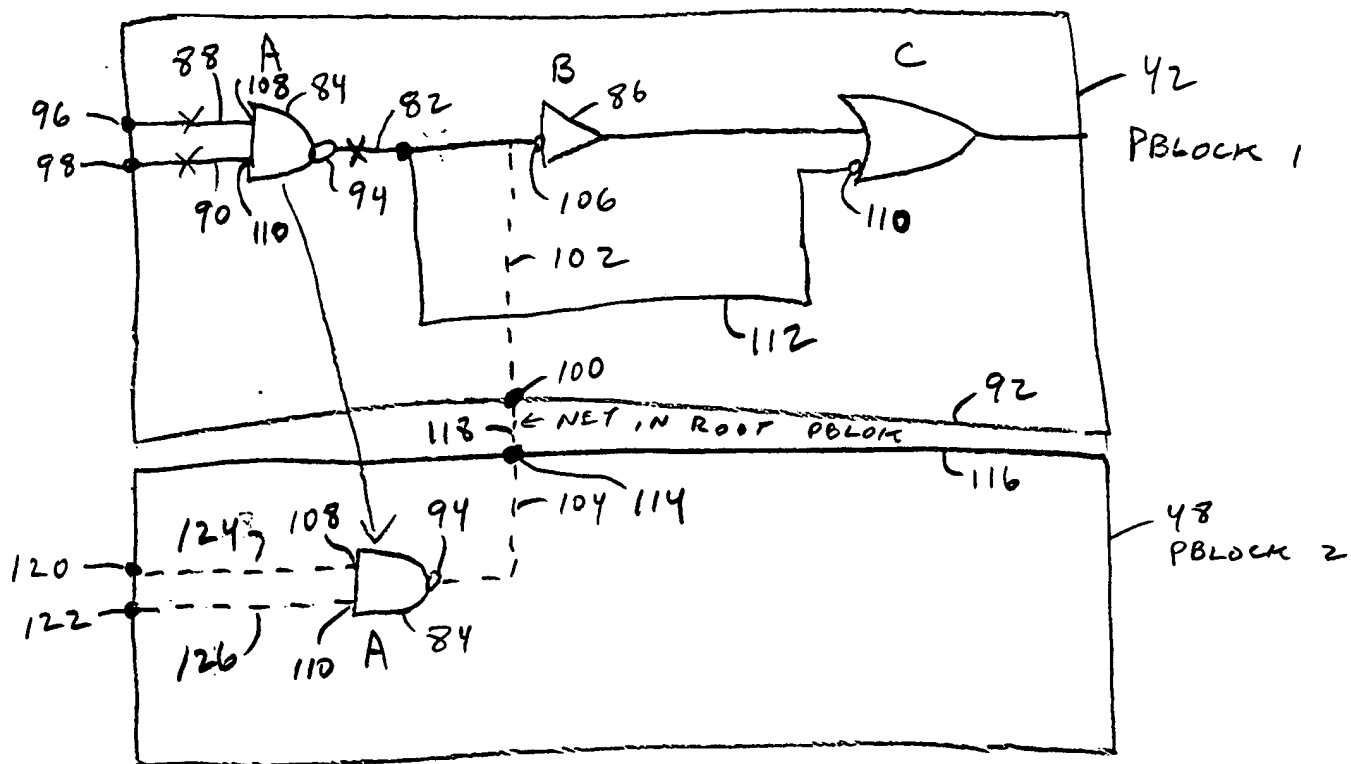


FIG. 9

# ALTERNATIVE EMBODIMENT OF THE DISCONNECT PROCESS OF PNETWORK UPDATE

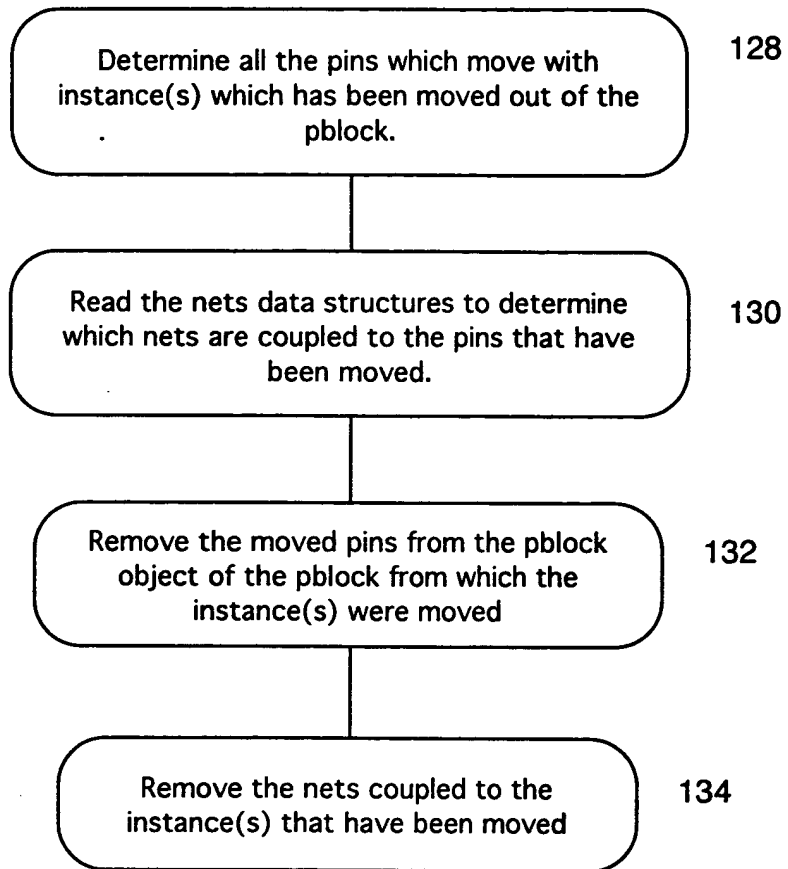


FIG. 10

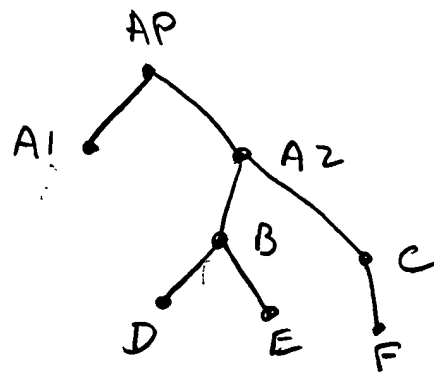


FIG. 11

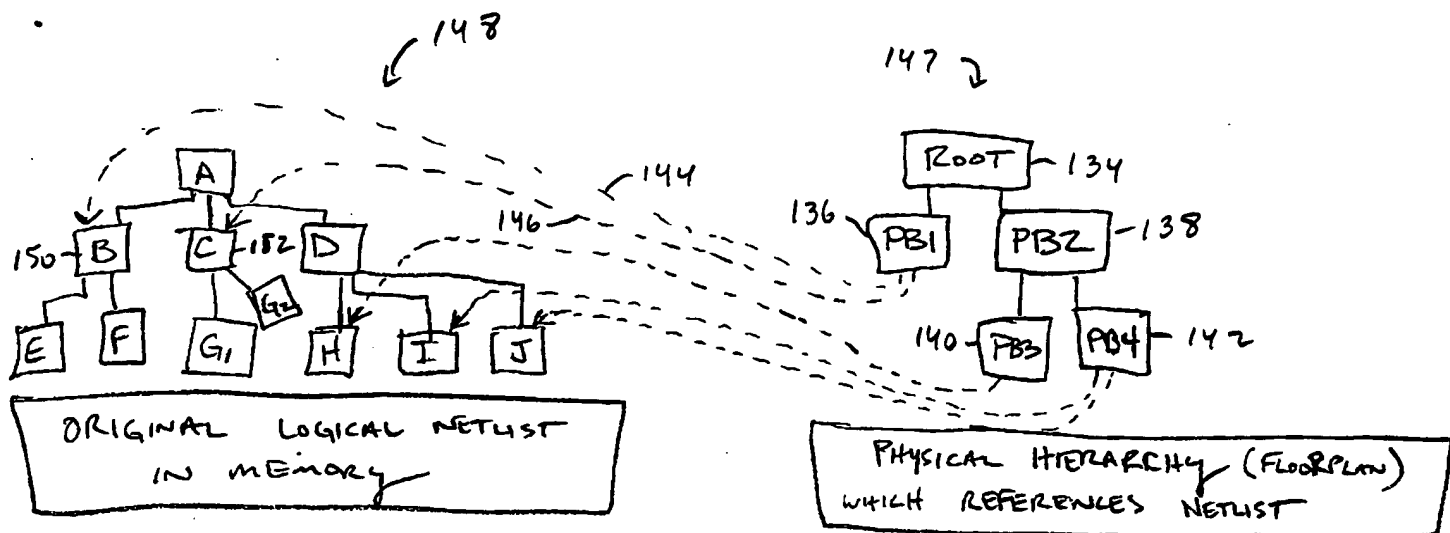


FIG. 12

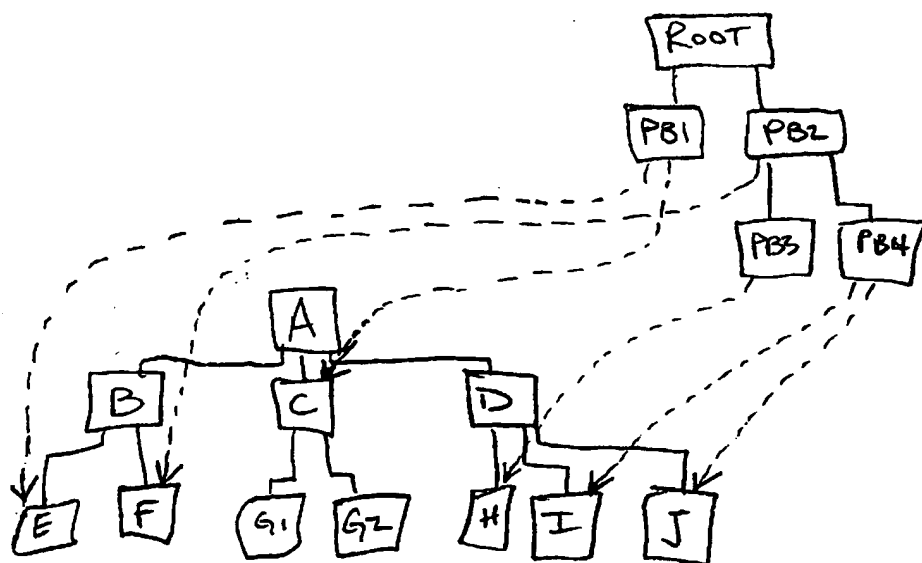


FIG. 13

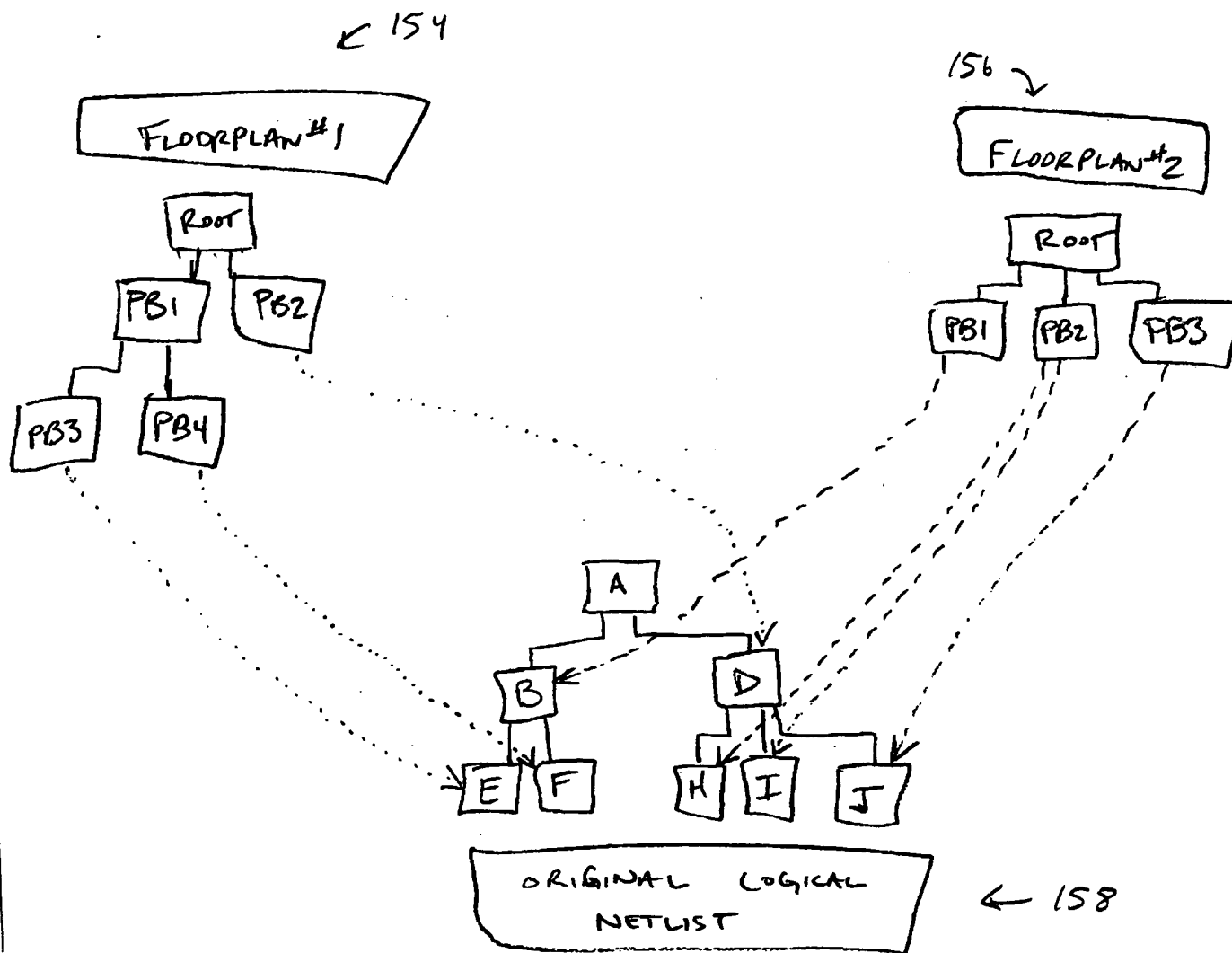


FIG. 14.

PROCESS TO DISCONNECT AND RECONNECT AN ENTIRE PBLOCK WHEN IT IS MOVED OUT OF ONE PARENT PBLOCK AND INTO ANOTHER

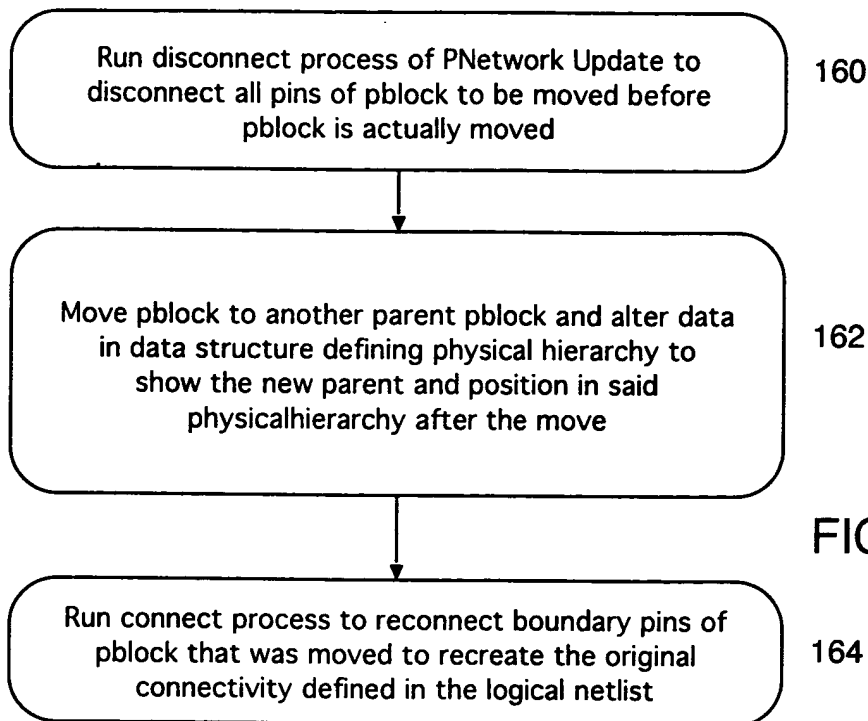


FIG. 15

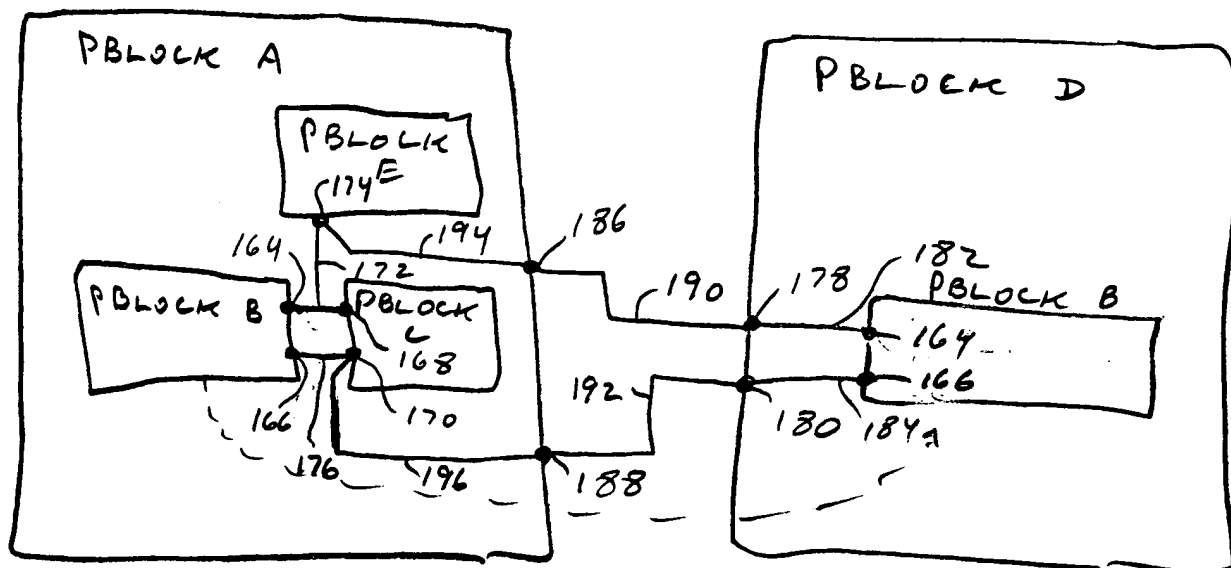


FIG. 16